



DIST

COUNTY

ROUTE

KILOMETER POST TOTAL PROJECT

SHEET NO.

TOTAL SHEETS

REGISTERED CIVIL ENGINEER

April 28, 2005

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

Tillat Sattar

No. C42892

Exp. 03-31-2006

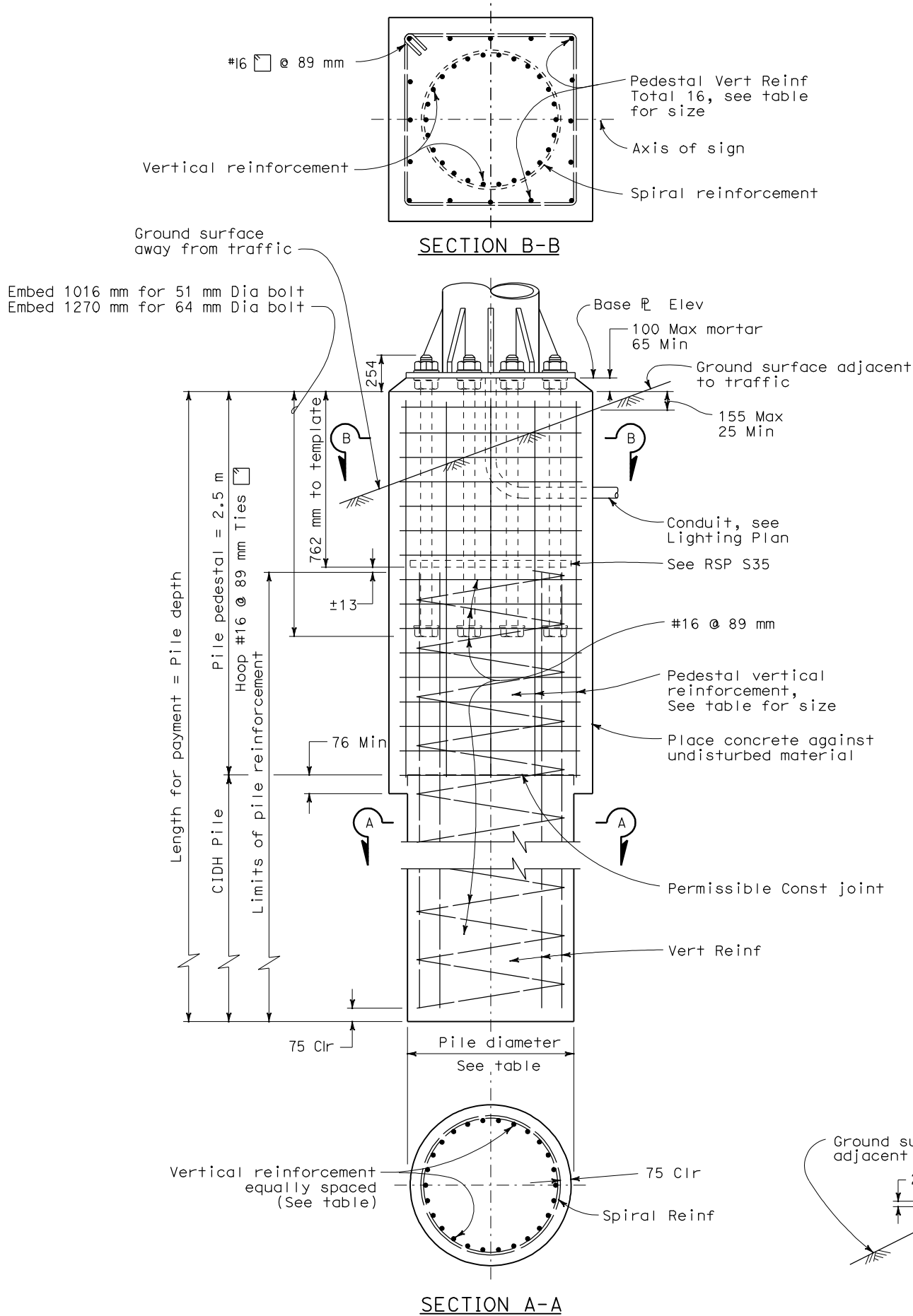
CIVIL

STATE OF CALIFORNIA

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To accompany plans dated _____

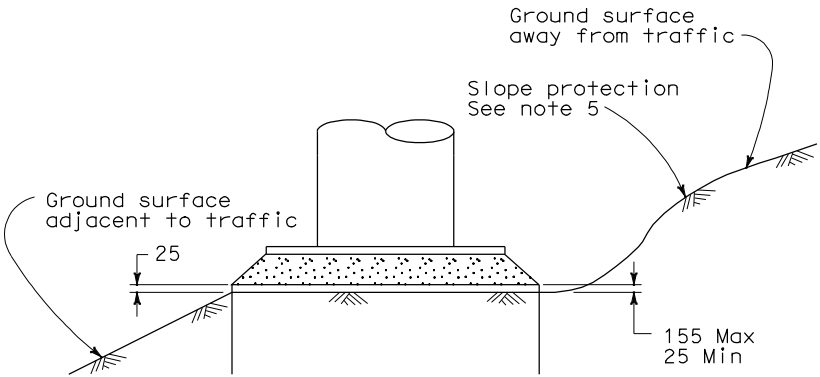


| Post Type No. | Anchor Bolts | | | Square Pedestal | | | | | | CIDH | | | | | | |
|---------------|------------------|--------------------------|-------------------|-------------------------------|-------------|----------|---------------------|----------|------------|---------------|--------------------|----------------------|----------|-----------------|----------|------------|
| | Bolt Circle (mm) | Bolts total and Dia (mm) | Total Length (mm) | Pedestal Square one side (mm) | Reinforcing | | | Hoop | | Pile Dia (mm) | * * Pile Depth (m) | Vertical Reinforcing | | | Spiral | |
| | | | | | Total | Bar Size | # of bars each face | Bar Size | Pitch (mm) | | | Total | Bar Size | Bar Circle (mm) | Bar Size | Pitch (mm) |
| I | 762 | 14-51 | 1270 | 1676 | 16 | #36 | 5 | #16 | 89 | 1524 | 7.6 | 28 | #36 | 1305 | #16 | 89 |
| II | 864 | 14-64 | 1524 | 1676 | 16 | #36 | 5 | #16 | 89 | 1524 | 7.6 | 28 | #36 | 1305 | #16 | 89 |
| III | 864 | 14-64 | 1524 | 1676 | 16 | #36 | 5 | #16 | 89 | 1524 | 7.6 | 28 | #36 | 1305 | #16 | 89 |
| IV | 1016 | 16-64 | 1524 | 1676 | 16 | #36 | 5 | #16 | 89 | 1524 | 10.0 | 28 | #36 | 1305 | #16 | 89 |
| V | 1016 | 16-64 | 1524 | 1676 | 16 | #36 | 5 | #16 | 89 | 1524 | 10.0 | 28 | #36 | 1305 | #16 | 89 |
| VI | 1016 | 16-64 | 1524 | 1676 | 16 | #36 | 5 | #16 | 89 | 1524 | 10.0 | 28 | #36 | 1305 | #16 | 89 |

* * Use Foundation Depth shown in table unless otherwise shown on the Project Plans.

NOTES

1. For anchor bolt layout see post sheet.
2. For "Base Elevation" see Project Plans.
3. Prior to erection of the post, backfill which is equivalent to the surrounding material, shall be in place.
4. Pedestal shall be formed 150 mm minimum below ground surface. Remainder to be placed against undisturbed material.
5. Slope protection required when indicated on the Project Plans.
6. Foundation design is based on 2001 AASHTO article 13.6 Broms' approximate procedure assuming a cohesionless material. The angle of internal friction used is 30° and unit weight of soil used is 1922 kg/m³.



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-TUBULAR
SINGLE POST AND TWO POST TYPE
SQUARE PEDESTAL PILE FOUNDATION

NO SCALE

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

RSP S36 DATED APRIL 28, 2005 SUPERSEDES RSP S36 DATED JANUARY 24, 2005 AND STANDARD PLAN S36 DATED JULY 1, 2004-PAGE 338 OF THE STANDARD PLANS BOOK DATED JULY 2004.

REVISED STANDARD PLAN RSP S36